



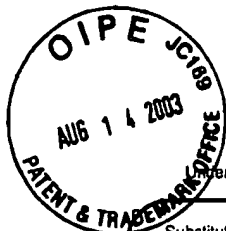
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|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>12732-026001 | Application No.<br>09/835,551 |
|  | Applicant<br>Jun KOYAMA et al.                             |                                       |                               |
|  | Filing Date<br>April 17, 2001                              | Group Art Unit<br>2821                |                               |

| U.S. Patent Documents |           |                 |                  |                 |       |          |                            |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee        | Class | Subclass | Filing Date If Appropriate |
| WZ                    | AA        | 5,061,617       | 10/29/1991       | Maskasky        | 430   | 569      | —                          |
| WZ                    | AB        | 5,059,862       | 10/22/1991       | VanSlyle et al. | 313   | 503      | —                          |
| WZ                    | AC        | 5,839,456       | 11/24/1998       | Han             | 134   | 104.1    | —                          |
|                       | AD        |                 |                  |                 |       |          |                            |
|                       | AE        |                 |                  |                 |       |          |                            |
|                       | AF        |                 |                  |                 |       |          |                            |
|                       | AG        |                 |                  |                 |       |          |                            |
|                       | AH        |                 |                  |                 |       |          |                            |
|                       | AI        |                 |                  |                 |       |          |                            |
|                       | AJ        |                 |                  |                 |       |          |                            |
|                       | AK        |                 |                  |                 |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
| WZ  | AL        | JP 62-090260    | 24 Apr 1987      | Nagao Kunihiro           | —     | —        | Abstract    |    |
| WZ  | AM        | JP 10-189525    | 21 July 1998     | Han Suk Bin              | —     | —        | Abstract    |    |
|   | AN        |                 |                  |                          |       |          |             |    |
|   | AO        |                 |                  |                          |       |          |             |    |
|   | AP        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
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| Examiner Initial  | Desig. ID | Document |
|   | AQ        |          |
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| Examiner Signature<br>   | Date Considered<br>3-20-04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |



PTO/SB/08b (08-03)  
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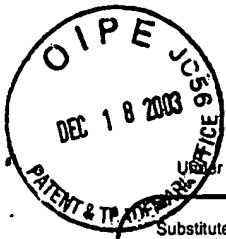
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   | <b>Complete if Known</b> |                 |                        |         |
|   |   | Application Number       | 10/065,629      |                        |         |
|   |   | Filing Date              | 11/4/2002       |                        |         |
|   |   | First Named Inventor     | Chistyakov      |                        |         |
|   |   | Art Unit                 | 2817            |                        |         |
|   |   | Examiner Name            | Don Kitsun Wong |                        |         |
| Sheet   | 1 | of                       | 1               | Attorney Docket Number | ZON-002 |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 | C13                   | CHISTYAKOV, Roman, High-Power Pulsed Magnetron Sputtering, Application No.: 10/065,277, Filed: September 30, 2002.  |                |
|                                 | C14                   | CHISTYAKOV, Roman, High-Power Pulsed Magnetically Enhanced Plasma Processing, Application No.: 10/065,551, Filed: October 30, 2002.   |                |
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| Examiner Signature |  | Date Considered | 3-20-04 |
|--------------------|--|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

### Complete If Known

Application Number 10/065,629

Filing Date 11/04/02

First Named Inventor Chistyakov

Art Unit 2821

Examiner Name Wilson Lee

Attorney Docket Number ZON-002

### NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
| WJ                 | C13                   | Encyclopedia Of Low Temperature Plasma, Pg. 119, Vol. 3.  | ✓              |
| WJ                 | C14                   | Encyclopedia Of Low Temperature Plasma, Pg. 123, Vol. 3.  | ✓              |
|                    | C15                   | <del>CHISTYAKOV, High Power Pulsed Magnetron Sputtering, Application No.: 10/065,277, Filed: September 30, 2002.</del>  |                |
|                    | C16                   | <del>CHISTYAKOV, High Power Pulsed Magnetically Enhanced Plasma Processing, Application No.: 10/065,551, Filed: October 29, 2002.</del>   |                |
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Date  
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3-20-04

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| <b>Title of<br/>Invention</b>  | <b>Methods And Apparatus For Generating High-Density<br/>Plasma</b> |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |
|--|---|----------------------|-------------|--------------------|---------|----------|----------|-------|----------|-----------|---|---------|------------|--------------|--|-----|-----|
| <p>Application Number: 10/065629<br/>Confirmation Number: 4225<br/>First Named Applicant: Roman Chistyakov<br/>Attorney Docket Number: ZON-002<br/>Art Unit: 2817<br/>Examiner: Don Kitsun Wong<br/>Search string: ( 4588490 ).pn.</p>   |   |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |
| <b>US Patent Documents</b>   |   |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |
| <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p>   |   |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |
| <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><i>WZ</i></td><td>1</td><td>4588490</td><td>1986-05-13</td><td>Cuomo et al.</td><td></td><td>204</td><td>298</td></tr></tbody></table> |   | init                 | Cite.No.    | Patent No.         | Date    | Patentee | Kind     | Class | Subclass | <i>WZ</i> | 1 | 4588490 | 1986-05-13 | Cuomo et al. |  | 204 | 298 |
| init   | Cite.No.  | Patent No.           | Date        | Patentee           | Kind    | Class    | Subclass |       |          |           |   |         |            |              |  |     |     |
| <i>WZ</i>  | 1   | 4588490              | 1986-05-13  | Cuomo et al.       |         | 204      | 298      |       |          |           |   |         |            |              |  |     |     |
| <b>Signature</b>   |   |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |
| <table border="1"><tr><td><b>Examiner Name</b></td><td><b>Date</b></td></tr><tr><td><i>Wilson Kell</i></td><td>3-19-04</td></tr></table>   |   | <b>Examiner Name</b> | <b>Date</b> | <i>Wilson Kell</i> | 3-19-04 |          |          |       |          |           |   |         |            |              |  |     |     |
| <b>Examiner Name</b>   | <b>Date</b>   |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |
| <i>Wilson Kell</i>   | 3-19-04   |                      |             |                    |         |          |          |       |          |           |   |         |            |              |  |     |     |